

**IN THE ABSTRACT:**

Please replace to original abstract with the following abstract:

The invention relates to systems and methods to validate data in a design document transmitted over a computer network from a design organization to a contract manufacturer for manufacturing a product. The computer implemented system includes computer software for storing a past version of the design document, receiving and storing a new version of the design document, storing a dictionary, comparing the new version to the past version of the design document to detect a change in the data. If there is no change, the program stops. If there is a data change, the software sets the past version to the new version of the design document, and uses the dictionary to correct and validate the data that has changed between the past and new version which results in a design document with data to use for the contract manufacturer only.